

line 10, after "RV_{1a}" delete "(SEQ ID NO: 120 and SEQ ID NO: 117,
respectively)" and insert ~~(Residues 1-107 of SEQ ID NO: 64)--;~~

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line 11, after "RV_{1b}" insert ~~--(SEQ ID NO: 115)--;~~

line 17, after "V_{LPM-1}" delete "~~(Residues 55-69 of SEQ ID NO: 29 and~~
SEQ ID NO: 118, respectively)";

line 18, after "REI" delete "~~(SEQ ID NO: 121)~~";

line 19, after "RV_{1a}" delete "~~(SEQ ID NO: 121 and SEQ ID NO: 118,~~
respectively)";

line 25, after "V_{LPM-1}" delete "~~(Residues 77-108 of SEQ ID NO: 29~~
and SEQ ID NO: 119, respectively)";

line 26, after "REI" ~~delete "(SEQ ID NO: 122)"~~;

line 27, after "RV_{1a}" delete "~~(SEQ ID NO: 122 and SEQ ID NO: 119,~~
respectively)".

Page 18, line 3, after "V_{LPM-1}" ~~delete "(Residues 118-127 of SEQ ID NO: 29)"~~;
line 4, after "REI" ~~delete "(SEQ ID NO: 123)"~~;
line 5, after "RV_{1a}" ~~delete "(SEQ ID NO: 123)"~~.

Page 20, line 6, after "V_HP_{M-1}" ~~delete "(Residues 19-48 of SEQ ID NO: 31 and~~
SEQ ID NO: 125, respectively)" and ~~insert --(Residues 1-119 of SEQ ID NO: 31)--;~~
line 7, after "NEW" ~~insert --(SEQ ID NO: 116)--;~~
line 8, after "RV_{1a}" ~~delete "(SEQ ID NO: 128 and SEQ ID NO: 125,~~
respectively)" and ~~insert --(SEQ ID NO: 117)--;~~

line 9, after "RV_{Hb}" delete "(SEQ ID NO: 128)" and insert --(SEQ ID NO: 118)--;

line 10, after "RV_{HC}" delete "(SEQ ID NO: 133)" and insert --(SEQ ID NO: 119)--;

line 11, after "RV_{HD}" delete "(SEQ ID NO: 128)" and insert --(SEQ ID NO: 120)--;

line 12, after "RV_{He}" delete "(SEQ ID NO: 133)" and insert --(SEQ ID NO: 121)--;

line 13, after "RV_{Hf}" delete "(SEQ ID NO: 135)" and insert --(SEQ ID NO: 122)--;

line 17, after "V_HPM-1" delete "(Residues 55-68 of SEQ ID NO: 31 and SEQ ID NO: 126, respectively)";

line 18, after "NEW" delete "(SEQ ID NO: 129)";

line 19, after "RV_{Ha}" delete "(SEQ ID NO: 129 and SEQ ID NO: 126, respectively)";

line 22, after "RV_{HD}" delete "(SEQ ID NO: 134)";

line 23, after "RV_{He}" delete "(SEQ ID NO: 134)".

Page 21, ~~Line~~ 2, after "V_HPM-1" delete "(Residues 85-116 of SEQ ID NO: 31)";

~~Line~~ 3, after "NEW" delete "(SEQ ID NO: 130)";

~~Line~~ 4, after "RV_{Ha}" delete "(SEQ ID NO: 130)";

line 5, after "RV_{Hb}" delete "(SEQ ID NO: 132)";

line 6, after "RV_{HC}" delete "(SEQ ID NO: 132)";

line 7, after "RV_{HD}" delete "(SEQ ID NO: 132)";

line 9, after "RV_{He}" delete "(SEQ ID NO: 132)";

line 10, after "RV_{Hf}" delete "(SEQ ID NO: 132)";

line 14, after "V_HPM-1" delete "(SEQ ID NO: 127 and residues 127-137 of SEQ ID NO: 31, respectively)";

line 15, after "NEW" delete "(SEQ ID NO: 131)";

line 16, after "RV_{Ha}" delete "(SEQ ID NO: 131)".

Page 22, line 30, delete "SEQ ID NO 55" and insert --SEQ ID NO: 63--.

Page 23, line 12, delete "SEQ ID NO 54" and insert --SEQ ID NO: 62--.

Page 25, line 22, delete "SEQ ID NOS: 54 and 55" and insert --SEQ ID NOS 61 and 63--.

Page 26, line 22, delete "ID NOS: 57 and 56" and insert --ID NOS 67 and 65--.

Page 29, line 5, after "VL_{AUK} 12-20" delete "(Residues 21-43 of SEQ ID NO: 25 and SEQ ID NO: 136, respectively)" and insert -(Residues 1-111 of SEQ ID NO: 25)--; line 6, after "REI" delete "(SEQ ID NO: 139)" and insert --(SEQ ID NO: 123)--;

line 7, after "RV_L" delete "(SEQ ID NO: 139 and SEQ ID NO: 136, respectively)" and insert --(SEQ ID NO: 124)--;

line 13, after "VL_{AUK} 12-20" delete "(Residues 59-73 of SEQ ID NO: 25 and SEQ ID NO: 137, respectively)";

line 15, after "RV_L" delete "(SEQ ID NO: 140 and SEQ ID NO: 137,
respectively)";

line 19, after "V_LAUK 12-20" delete "(Residues 81-112 of SEQ ID NO:
25 and SEQ ID NO: 138, respectively)";

line 20, after "REI" delete "(SEQ ID NO: 124)";

line 21, after "RV_L" delete "(SEQ ID NO: 141 and SEQ ID NO: 138,
respectively)";

line 27, after "V_LAUK 12-20" delete "(Residues 122-131 of SEQ ID
NO: 25)";

line 29, after "RV_L" delete "(SEQ ID NO: 142)".

Page 30, line 23, after "V_HAUK 12-20" delete "(Residues 20-49 of SEQ ID NO:
27 and SEQ ID NO: 143, respectively)" and insert --(Residues 1-116 of SEQ ID NO: 27)--;

line 24, after "SGI" insert --(SEQ ID NO: 125)--;

line 25, after "RV_{Ha}" delete "(SEQ ID NO: 157 and SEQ ID NO: 143,
respectively)" and insert --(SEQ ID NO: 126)--;

line 26, after "RV_{Hb}" insert --(SEQ ID NO: 127)--;

line 27, after "RV_{Hc}" insert --(SEQ ID NO: 128)--;

line 28, after "RV_{Hd}" insert --(SEQ ID NO: 129)--.

Page 31, line 2, after "V_HAUK 12-20" delete "(Residues 55-68 of SEQ ID NO:
27 and SEQ ID NO: 144, respectively)";

line 4, after "RV_{Ha}" delete "(SEQ ID NO: 147 and SEQ ID NO: 144,
respectively)";

line 6, after "RV_{Hc}" delete "(SEQ ID NO: 151)";
line 7, after "RV_{Hd}" delete "(SEQ ID NO: 151)";
line 10, after "V_HAUK 12-20" delete "(Residues 86-117 SEQ ID NO:
27)";
line 12, after "RV_{Ha}" delete "(SEQ ID NO: 148)";
line 13, after "RV_{Hb}" delete "(SEQ ID NO: 150)";
line 15, after "RV_{Hd}" delete "(SEQ ID NO: 150)";
line 19, after "V_HAUK 12-20" delete "(SEQ ID NO: 145 and residues
125-135 of SEQ ID NO: 27, respectively)";
line 20, after "SGI" delete "(SEQ ID NO: 149)";
line 21, after "RV_{Ha}" delete "(SEQ ID NO: 145 and SEQ ID NO: 149,
respectively)".

Page 32, line 17, after "V_HAUK 12-20" delete "(Residues 20-49 of SEQ ID NO:
27 and SEQ ID NO: 143, respectively)" and insert --(Residues 1-116 of SEQ ID NO: 27)--;
line 18, delete "SGI" and insert --HAX (SEQ ID NO: 130)--;
line 19, after "1220Ha" delete "(SEQ ID NO: 157 and SEQ ID NO:
143, respectively)" and insert --(SEQ ID NO: 131)--;
line 20, after "1220Hb" delete "(SEQ ID NO: 157)" and insert --(SEQ
ID NO: 132)--;
line 21, after "1220Hc" delete "(SEQ ID NO: 157)" and insert --(SEQ
ID NO: 133)--;
line 22, after "1220Hd" delete "(SEQ ID NO: 157)" and insert --(SEQ
ID NO: 134)--.

Page 33, line 2, after "V_HAUK 12-20" delete "(Residues 55-68 of SEQ ID NO: 27 and SEQ ID NO: 144, respectively);

line 3, after "HAX" delete "(SEQ ID NO: 153);

line 5, after "1220Ha" delete "(SEQ ID NO: 153 and SEQ ID NO: 144, respectively);

line 6, after "1220Hb" delete "(SEQ ID NO: 158);

line 8, after "1220Hd" delete "(SEQ ID NO: 158);

line 13, after "V_HAUK 12-20" delete "(Residues 86-117 of SEQ ID NO: 27);

line 15, after "1220Ha" delete "(SEQ ID NO: 154);

line 16, after "1220Hb" delete "(SEQ ID NO: 154);

line 17, after "1220Hc" delete "(SEQ ID NO: 156);

line 18, after "1220Hd" delete "(SEQ ID NO: 156);

line 23, after "V_HAUK 12-20" delete "(SEQ ID NO: 145 and residues 125-135 of SEQ ID NO: 27, respectively);

line 24, after "HAX" delete "(SEQ ID NO: 149);

line 25, after "1220Ha" delete "(SEQ ID NO: 145 and SEQ ID NO: 149, respectively)".

Page 35, line 6, delete "NOS: 24, 26, 28 or 30" and insert --NOS 25, 29, 33 or 37--;

line 8, delete "NOS: 25, 27, 29 or 31" and insert --NOS 27, 31, 35 or 39--;

line 10, delete "NOs: 24 to 31" and insert --NOS 24, 26, 28, 30, 32,
34, 36 and 38,--.

Page 36, line 18, delete "NOs: 24" and insert --NOS 25--;
line 19, delete "26, 28 and 30" and insert --29, 33 and 37--;
line 21, delete "NOs: 25" and insert --NOS 27--;
line 22, delete "27, 29 and 31" and insert --31, 35 and 39--.

Page 43, line 28, delete "NOs 24 to 31" and insert --NOS 24, 26, 28, 30, 32, 34,
36 and 38--.

Page 45, line 14, delete "SEQ ID NO: 32" and insert --SEQ ID NO: 40--;
line 15, delete "SEQ ID NO: 33" and insert --SEQ ID NO: 41--;
line 21, delete "SEQ ID NO: 34" and insert --SEQ ID NO: 42--;
line 22, delete "SEQ ID NO: 35" and insert --SEQ ID NO: 43--.

Page 48, line 29, delete "SEQ NO: 38" and insert --SEQ ID NO: 45--;
line 30, delete "SEQ NO: 40" and insert --SEQ ID NO: 47--;
line 34, delete "SEQ No: 36" and insert --SEQ ID NO: 44--;
line 35, delete "SEQ No: 39" and insert --SEQ ID NO: 46--.

Page 49, line 8, delete "SEQ NO: 37" and insert --SEQ ID NO: 42--.

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Page 54, line 3, delete "SEQ NO: 41" and insert --SEQ ID NO: 48--; and delete "SEQ NO: 42" and insert --SEQ ID NO: 49--;

line 7, delete "SEQ NO:" and insert --SEQ ID NO:--;

line 8, delete "43" and insert --50--; and delete "SEQ NO: 44" and insert --SEQ ID NO: 51--;

line 9, delete "SEQ NO: 45" and insert --SEQ ID NO: 52--.

Page 55, line 32, delete "ID NO: 46" and insert --ID NO: 53--.

Page 56, line 4, delete "SEQ ID NO: 47" and insert --SEQ ID NO: 54--;

line 7, delete "SEQ ID NO: 48" and insert --SEQ ID NO: 55--;

line 12, delete "SEQ ID NO: 49" and insert --SEQ ID NO: 56--;

line 15, delete "SEQ ID NO: 54" and insert --SEQ ID NO: 61--;

line 20, delete "SEQ ID NO: 50" and insert --SEQ ID NO: 57--;

line 21, delete "SEQ ID NO: 51" and insert --SEQ ID NO: 58--;

line 22, delete "SEQ ID NO: 52" and insert --SEQ ID NO: 59--.

Page 57, line 21, delete "NO: 55" and insert --NO: 63--;

line 24, delete "SEQ ID NO: 53" and insert --SEQ ID NO: 60--.

Page 63, line 33, delete "Nos: 54" and insert --NOS 61--;

line 34, delete "55" and insert --63--.

Page 64, line 5, delete "SEQ ID NO: 60" and insert --SEQ ID NO: 71--;

line 6, delete "NO: 58" and insert --NO: 69--;

line 8, delete "SEQ ID BO: 59" and insert --SEQ ID NO: 70--;

line 30, delete "Nos: 54 and 55" and insert --NOS 61 and 63--.

Page 65, line 3, delete "61" and insert --72--; and delete "SEQ ID NO: 62" and insert --SEQ ID NO: 73--;

line 23, delete "SEQ ID NO: 63" and insert --SEQ ID NO: 74--;

line 24, delete "NO: 64" and insert --NO: 75--;

line 37, delete "NO: 57" and insert --NO: 67--.

Page 66, line 2, delete "SEQ ID NO: 56" and insert --SEQ ID NO: 65--.

Page 67, line 9, delete "83" and insert --95--; and delete "66" and insert --77--;

line 10, delete "65" and insert --76--; and delete "68" and insert --79--;

line 11, delete "67" and insert --78--; and delete "70" and insert --81--;

line 12, delete "69" and insert --80--; and delete "82" and insert --94--.

Page 68, line 22, delete "SEQ ID NO: 71" and insert --SEQ ID NO: 82--.

Page 71, line 8, delete "83" and insert --95--; and delete "73" and insert --85--;

line 9, delete "72" and insert --84--; and delete "75" and insert --87--;

line 10, delete "74" and insert --86--; and delete "77" and insert --89--;

line 11, delete "76" and insert --88--; and delete "82" and insert --94--.

Page 72, line 4, delete "SEQ ID NO: 97" and insert --SEQ ID NO: 112--;

line 5, delete "SEQ ID NO: 98" and insert --SEQ ID NO: 113--;

line 10, delete "SEQ ID NO: 82" and insert --SEQ ID NO: 94--;

line 11, delete "NO: 83" and insert --NO: 95--.

Page 73, line 5, delete "SEQ ID NO: 82" and insert --SEQ ID NO: 94--;

line 6, delete "ID NO: 78" and insert --ID NO: 90--; and delete "SEQ ID NO: 83" and insert --SEQ ID NO: 95--;

line 7, delete "SEQ ID NO: 79" and insert --SEQ ID NO: 91--;

line 16, delete "NO: 80" and insert --NO: 92--; and delete "SEQ ID NO: 81" and insert --SEQ ID NO: 93--;

line 21, delete "SEQ ID NO: 78" and insert --SEQ ID NO: 90--; and delete "SEQ ID NO: 79" and insert --SEQ ID NO: 91--;

line 29, delete "SEQ ID NO: 84" and insert --SEQ ID NO: 96--;

line 33, delete "NO: 85" and insert --NO: 98--.

Page 75, line 9, delete "NOS: 86 to 91" and insert --NOS 100 to 105--;

line 22, delete "SEQ ID NO: 92" and insert --SEQ ID NO: 106--;

line 23, delete "NO: 93" and insert --NO: 107--.

Page 76, line 15, delete "SEQ ID NO: 94" and insert --SEQ ID NO: 108--;

line 23, delete "SEQ ID NO: 95" and insert --SEQ ID NO: 110--;

line 24, delete "NO: 96" and insert --NO: 111--.